MAINTENANCE-FREE BATTERY VRLA AGM

OPTI 84Ah 12V

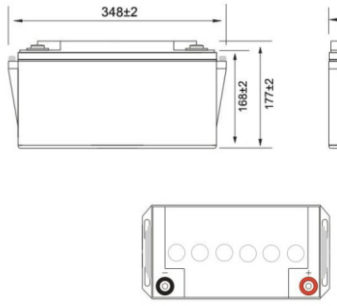
INDEKS: 6AKUV084AG
EAN: 5904100451500

OPTI batteries by **VOLT Polska** are designed with **VRLA AGM (Absorbent Glass Mat)** technology, high performance plates and electrolyte to give extra power output for common power backup system. **The general features are:** heavy duty grid, non-spillable construction, mechanized assembly, high reliability and stability, sealed and maintenance-free, long life and low self-discharge design. **OPTI batteries** have 5-8 years design life at 25°C. They can be applied in emergency power system, communication equipment, alarm system, telecommunication systems, marine equipment, uninterruptible power supplies, medical equipment, fire and security system.



Main technical data:

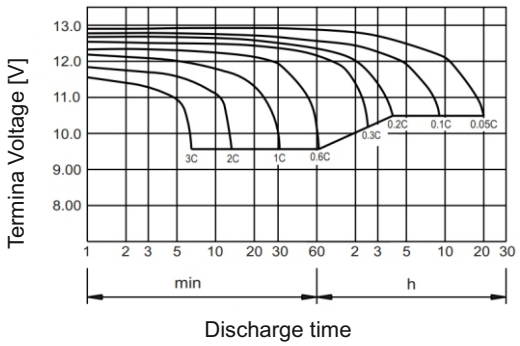
Nominal voltage		12 V
Rated capcity		84 Ah
Dimension	total height	177 mm
	height	177 mm
	width	168 mm
	length	348 mm
Approx Weight		19,10kg +/- 3%
Gross dimensions		360x174x205mm
Gross weight		19,60kg



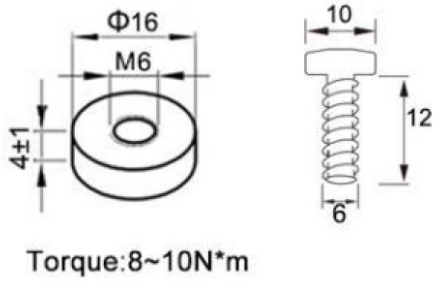
Dimension

Other specification:

Capacity (at 25°C)	10h (10,5V)	84 Ah
	5h (10,5V)	80,4 Ah
	3h (10,8V)	70,11 Ah
	1h (9,6V)	52,7 Ah
Internal Resistance		~ 5,8mΩ
Capacity affected by temperature	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self discharge (at 25°C)	3 months	91%
	6 months	82%
	12 months	64%
Working temperature		25°C +- 3°C
Working temperature	Discharge	-15°C do 50°C
	Charge	-10°C do 50°C
	Storage	-20°C do 50°C
Float Use (25°C)	13,5 VDC	13,8 VDC
Cycle Use (25°C)	14,4 VDC	14,7 VDC
Max charging current		25,2 A
Max discharge current		800 A
Design life (25°C)		5-8 years



Discharge characteristic curve at 25°c



Terminal type (mm):

VOLT POLSKA

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